WE CLAIM:

1. A selecting apparatus for a machine requiring a predetermined quantity of coins or tokens to operate comprising:

a housing;

means for receiving the coins into the housing;

a detector disposed in the housing adapted to detect, concerning said coins, at least a plurality of the parameters selected from a group of parameters of, material composition, thickness and diameter, said detector adapted to issue a data signal corresponding to each detected parameter;

a processor including a data structure including, for each selected parameter, data corresponding to the selected parameter for authentic coins, said processor adapted to receive said data signals and compare them to the stored data for an authentic coin or token to determine the authenticity of the coin or token, said processor in response to determination of an authentic coin issuing a data signal;

means for selecting the predetermined quantity, said processor adapted to sum the data corresponding to the first signals indicative of receipt of an authentic coin and to compare the summed value to the predetermined quantity to determine if said amount has been received, said processor in response to receipt of said predetermined amount issuing an operating signal to operate the machine; and

a display in communication with the processor adapted to display the summed values as authentic coins are received.

2. The selector of claim 1 including means for returning a determined unauthentic coin.

3. The selector of claim 1 wherein said predetermined quantity is a coin value amount.

4. The selector of claim 1 including a gate operable between an open and a closed position, said processor adapted to issue a signal to operate the gate to an open position to discharge received and determined authentic coins for collection thereof.

5. A selecting apparatus adapted to determine the authenticity of received coins of differing denominations for operation of a device which requires a preselected amount to operate comprising:

a housing;

means for receiving the coins into the housing;

a detector disposed in the housing adapted to detect, concerning each coin denomination, at least a plurality of the parameters selected from a group of parameters of, material composition, thickness and diameter, said detector adapted to issue a data signal corresponding to each detected parameter;

a processor including a data structure including, for each selected parameter, data corresponding to the selected parameter for said coins, said processor adapted to receive said data signals and compare them to the stored data for an authentic coin or token to determine the authenticity of the coin or token, said processor in response to determination of an authentic coin issuing a data signal, said data signal including data corresponding to the denomination of the received coin or token;

means for selecting the predetermined quantity, said processor adapted to sum the data corresponding to the denominations of the data signal and to compare the summed value to the predetermined quantity to determine if said amount has been received, said processor in response to receipt of said predetermined amount issuing an operating signal to operate the machine; and

a display in communication with the processor adapted to display the denomination and summed values as authentic coins are received.

6. The selecting apparatus of claim 6 including means for returning an unacceptable coin.

7. The selecting apparatus of claim 7 wherein the predetermined quantity is a value amount by a combination of a number N of higher denomination coins and the remainder by coins of a lower denomination, said processor adapted to count said first signals for said number N, and thereafter return additional higher denomination coins by the returning means.

8. A selector apparatus for coin operation of a device for a period of time comprising:

a housing;

means for receiving the coins into the housing;

a detector disposed in the housing adapted to detect, concerning each coin, at least a plurality of the parameters selected from a group of parameters of, material composition, thickness and diameter, said detector adapted to issue a data signal corresponding to each detected parameter;

a processor including a data structure including, for each selected parameter, data corresponding to the selected parameter for said coins, said processor adapted to receive said data signals and compare them to the stored data for an authentic coin or token to determine the authenticity of the coin or token, said processor in response to determination of an authentic coin issuing a data signal, said data signal including data corresponding to the denomination of the received coin or token;

means for selecting the increment of time to be added for operation of the device for each coin received, said processor adapted to receive the first signal and sum the time values corresponding to the coins received, said processor in response to receipt of coins issuing an operating signal to operate the machine for the sum of the time values; and

a display in communication with the processor adapted to display the accumulated summed values of time as authentic coins.

9. The apparatus of claim 10 further including means for rejecting coins deposited into the apparatus.

10. The apparatus of claim 9 including means for selecting a predetermined maximum time value which can be accumulated, said processor adapted to compare the summed value to said

maximum value and if said summed value exceeds said maximum issue a signal to reject the coin.

11. A coin selector apparatus comprising:

a data processor having a data structure including data corresponding to a plurality of parameters of a genuine coin selected from the group consisting of material, thickness and diameter;

means for detecting, from a coin inserted into the apparatus, a plurality of parameters of a genuine coin selected from the group consisting of material, thickness and diameter;

said processor adapted to compare the detected data to the data stored in the data structure to determine if the inserted coin is authentic;

means for setting a total amount of money to be received by the apparatus; and

said processor adapted to sum the value of money received by insertion of authentic coins and to compare the sum to setting amount to determine if the setting amount has been deposited.

12. The apparatus of claim 11 wherein said setting means is switch means on said apparatus.

13. The apparatus of claim 11 wherein said switch means is a coding switch.

14. A coin selector, comprising:

a generally rectangular hollow housing substantially in the form of a vertically aligned elongate box;

a coin receiving opening provided in the upper portion of said housing;

a lever mounted on said housing and conformed for discharging a coin received in said housing;

a return opening formed in the lower portion of said housing for rejecting a coin received in said housing;

a passage provided in the bottom of said housing for collecting an authentic coin received in said housing, and setting means provided in said housing for selecting such over of said coins as are conveyed to said passage.

15. A coin selector, comprising:

a generally rectangular hollow housing substantially in the form of a vertically aligned elongate box provided with an elongate generally rectangular front panel;

an opening for receiving a coin formed in the upper portion of said front panel;

a lever mounted generally centrally on said front panel and conformed for discharging a retained coin from said housing upon the articulation thereof;

a return opening formed in the lower portion of said front panel for conveying a discharged coin;

a passage formed in the bottom of said housing and conformed to convey for collection an authentic coin; and

a setter provided on said housing for directive said authentic coin to said passage.

16. A coin selector, comprising:

a generally rectangular hollow housing substantially in the form of a vertically aligned elongate box provided with a generally rectangular front panel;

an opening formed in the upper portion of said panel for receiving a coin;

a level mounted generally centrally on said front panel for selectively discharging a retained coin from said housing;

a level mounted generally centrally on said front panel for selectively discharging a retained coin from said housing;

a return opening formed in the lower portion of said front panel for conveying a discharged coin;

a passage formed in the bottom of said housing for conveying for collection on authentic coin;

a setter provided on said housing for directing said authentic coin to said passage; and

a display mounted on said panel proximate said opening for displaying numerical information.